

Ammonium methacrylate
16325-47-6 | DTXSID0023874

Model Performance

Model	Data
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Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.85	1.14	0.85	1.12	0.83	1.23

Model Results

Predicted value: 3.04×10^{-11} cm³/molecule*sec

Global applicability domain: Inside

Local applicability domain index: 3.43×10^{-1}

Confidence level: 8.26×10^{-1}

Nearest Neighbors from the Training Set

Image not found

Methyl methacrylate

Measured: 2.60×10^{-11}

Predicted: 2.84×10^{-11}

Image not found

Isopropenyl acetate

Measured: 6.96×10^{-11}

Predicted: 5.86×10^{-11}

Image not found

Allyl acetate

Measured: 2.71×10^{-11}

Predicted: 2.97×10^{-11}

Image not found

Ethyl acrylate

Measured: 1.60×10^{-11}

Predicted: 1.75×10^{-11}

Image not found

2-Ethoxyethyl methacrylate

Measured: 2.80×10^{-11}

Predicted: 2.95×10^{-11}